



PATENTS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Jack A. Mandelman, et al.

**Examiner:** Scott B. Geyer

**Serial No.:** 10/016,605

**Art Unit:** 2829

**Filed:** October 30, 2001

**Docket:** FIS920010258US1(14899)

**For:** VERTICAL DRAM PUNCHTHROUGH  
STOP SELF-ALIGNED TO STORAGE TRENCH

**Dated:** July 7, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TECHNOLOGY CENTER 2800-

JUL 14 2003

RECEIVED

#6  
7-31-03  
J. Carter

**SUPPLEMENTAL RESPONSE UNDER 37 C.F.R. §§1.111 AND 1.143**

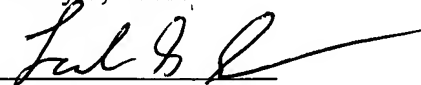
Sir:

In response to the communication dated June 16, 2003 and in conjunction with the Office Action dated April 9, 2003, applicants provisionally elect, without traverse, the subject matter of Group I, i.e., Claims 1-11, for continued prosecution herein. Insofar as the species requirement is concerned, applicants elect those species with a PT stop implant with the dopant being a P-type, the PT stop implant being formed before nitride spacers, and conductive plugs that do not overlie a conductor are left in place. Thus, species A1, B1 and C1 is elected herein.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents Alexandria, VA 22313-1450 on July 7, 2003.

Dated: July 7, 2003

  
Leslie S. Szivos, Ph.D.